



FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTION REQUIREMENTS:

All preventers to be hydraulically operated with secondary electrical controls installed prior to drilling out from under casing.
 Choke outlet to be a minimum of 4" diameter.
 Kill line to be of all steel construction of 3" minimum diameter.
 All connections from operating manifolds to preventers to be all steel, hole or tube a minimum of one inch in diameter.
 The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.
 All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.
 Inside blowout preventer to be available on rig floor.
 Operating controls located a safe distance from the rig floor.
 Hole must be kept filled on trips below intermediate casing; operator not responsible for blowouts resulting from not keeping hole full.
 D. P. float must be installed and used below zone of first gas intrusion.